

File 23:CSA Technology Research Database 1963-2009/Nov
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File 111:TGG Natl.Newspaper Index(SM) 1979-2009/Dec 28
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File 6:NTIS 1964-2009/Jan W2
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File 8:Ei Compendex(R) 1884-2009/Dec W3
(c) 2009 Elsevier Eng. Info. Inc.
File 95:TEME-Technology & Management 1989-2009/Nov W5
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S1      42669   GOLF OR GOLFING
limitall/s1
S2      20     FERRULE OR FERRULES
S3      19     RD (unique items)
S4      19     S1 AND S3
S5      452    RING OR RINGS OR BANDS OR BAND
S6      815    ANTENNA? OR TRANSMIT?R? ? OR WIRELESS OR TELEMETRY OR ULTR-
              ASOUND OR WIRE()LESS OR (SOUND OR RADIO)()WAVE? ? OR TRANSMIS-
              SION OR ACCELEROMETER? ? OR ACCELERAT? OR SENSOR OR TRANSCIEIV-
              ER? ? OR TRANSMITTING
S7      25     S1 AND S5 AND S6
S8      18     RD (unique items)
limitall cancel
S9      4267   FERRULE OR FERRULES
S10     216127  CUE? ? OR RACKET? ? OR BAT? ? OR PADDLE? ?
S11     4610462 ANTENNA? OR TRANSMIT?R? ? OR WIRELESS OR TELEMETRY OR ULTR-
              ASOUND OR WIRE()LESS OR (SOUND OR RADIO)()WAVE? ? OR TRANSMIS-
              SION OR ACCELEROMETER? ? OR ACCELERAT? OR SENSOR OR TRANSCIEIV-
              ER? ? OR TRANSMITTING
S12     1       S9 AND S10 AND S11
S13     14138  S10 AND S11
S14     2209961 RING OR RINGS OR BANDS OR BAND
S15     915    S13 AND S14
S16     149020 S11(10N)S14
S17     163    S10(S)S16

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8/7/6 (Item 6 from file: 23)

DIALOG(R)File 23: CSA Technology Research Database

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Swing training apparatus

Oppenheimer, Jess

, USA

Publisher Url: <http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netaht/ml/PTO/search-adv.htm&r=1&p=1&f=G&l=50&d=PTXT&S1=40 34991.PN.&OS=pn/4034991&RS=PN/4034991>

Document Type: Patent

Record Type: Abstract

Language: English

File Segment: Metadex; Mechanical & Transportation Engineering Abstracts; ANTE: Abstracts in New Technologies and Engineering; Aerospace & High Technology

Abstract:

Apparatus for use by one manipulating a device to be swung such as a **golf club**, bat or the like. A weighted member such as a slider is secured to another member for guiding the slider through a pre-determined path, such for example, as an arcuate guide member. A pair of flexible cords are secured to a pair of spaced apart posts and engage both the slider and the device to be swung with one of the cords secured at its other end to the device to be swung and the other to the slider. As the user swings the device to be swung, such as a **golf club**, the slider is caused to traverse the pre-determined path causing the flexible cords to become taut or slack at pre-determined points throughout the swing, thereby causing the device to be swung to **accelerate** at a maximum speed through a desired point and to assume a desired position while moving at the maximum speed. Thus both timing and power are developed for the swing. One of the cords may have a rigid rod-like member substituted for it with one end of the rod secured to the weighted member or slider and with the rod passing through a **ring** or loop secured to the device to be swung. Also disclosed is apparatus where the cords may pass through a stop means and over a pulley or the like to a position for attachment to the shoulders of the user. Thus as the user swings the device his shoulders are automatically placed into the proper positions as required to accommodate the particular swing. Also disclosed as an alternative to the arcuate guide member and slider is an elongated rod supported for rotation about a pivot point and having a universally attached **ring** member thereon which is engaged by the flexible cords.

File 9:Business & Industry(R) Jul/1994-2009/Dec 28
(c) 2009 Gale/Cengage
File 16:Gale Group PROMT(R) 1990-2009/Dec 28
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File 148:Gale Group Trade & Industry DB 1976-2009/Dec 28
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File 15:ABI/Inform(R) 1971-2009/Dec 28
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File 636:Gale Group Newsletter DB(TM) 1987-2009/Nov 30
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File 141:Readers Guide 1983-2009/Nov
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File 88:Gale Group Business A.R.T.S. 1976-2009/Dec 28
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S2 3326 FERRULE OR FERRULES
 S3 37 S1 AND S2
 S4 6141681 ANTENNA? OR TRANSMIT?R? ? OR WIRELESS OR TELEMETRY OR ULTR-
 ASOUND OR WIRE()LESS OR (SOUND OR RADIO)()WAVE? ? OR TRANSMIS-
 SION OR ACCELEROMETER? ? OR ACCELERAT? OR SENSOR OR TRANSCIEV-
 ER? ? OR TRANSMITTING
 S5 8 S3 AND S4
 S6 8 RD (unique items)
 S7 1581372 RING OR RINGS OR BANDS OR BAND
 S8 3695322 CUE? ? OR RACKET? ? OR BAT? OR BATS OR PADDLE? ?
 S9 67859 S4(10N)S7
 S10 14 S9(S)S1
 S11 12 RD (unique items)
 S12 1634 S9(S)S8
 S13 56 S8(S)S2
 S14 41780 S4(5N)S7
 S15 524 S14(20N)S8
 S16 262 S14(10N)S8
 S17 120 S14(5N)S8
 S18 176 S13 OR S17
 S19 116 RD (unique items)
 S20 324207 CUE? ? OR RACKET? ? OR BAT OR BATS OR PADDLE? ?
 S21 6 S14(10N)S20
 S22 19 S14(20N)S20
 S23 14 RD (unique items)

Nothing relevant

File 350:Derwent WPIX 1963-2009/UD=200982
 (c) 2009 Thomson Reuters
 File 347:JAPIO Dec 1976-2009/Aug(Updated 091130)
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S1 19585 FERRULE OR FERRULES
 limitall/s1
 S2 2172 ANTENNA? OR TRANSMIT?R? ? OR WIRELESS OR TELEMETR? OR ULTR-
 ASOUND OR WIRE()LESS OR (SOUND OR RADIO)()WAVE? ? OR TRANSMIS-
 SION OR ACCELEROMETER? ? OR SENSOR OR TRANSCIEVER? ?
 S3 105 GOLF OR GOLFING
 S4 74 CUE? ? OR RACKET? ? OR BAT OR BATS OR PADDLE? ? OR POOL()S-
 TICK? ?
 S5 8 S1 AND S2 AND (S3 OR S4)

Nothing relevant